

**JUNO**

Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_

**4" BASICS SERIES™  
LED RETROFIT BAFFLE TRIM**DOWNLIGHT RETROFIT FOR STANDARD 4"  
RECESSED HOUSINGS**4RLDG2 650L****PRODUCT DESCRIPTION**

Energy efficient LED retrofit module fits into standard 4" IC or non-IC recessed housings • Replaces 50W incandescent lamp, producing over 650 lumens • Dimmable with most standard incandescent, magnetic low voltage and electronic low voltage dimmers • LED retrofit module is designed to provide 36,000 hours of life • 5 year warranty

**PRODUCT SPECIFICATIONS**

**LED Retrofit Downlight Trim** Cast aluminum trim with white baffle and flange. All-in-one design where LED light engine mounts directly to trim for ease of installation into existing 4" recessed housings with medium base sockets

- Provided with push-in friction springs.

**LED Light Engine** LEDs mounted directly to aluminum housing designed to provide superior thermal management and ensure long life • 2700K, 3000K, and 3500K LED color temperature • 90 CRI minimum • Accommodates 120 volts AC at 60Hz

- Dimmable with most standard incandescent, magnetic low voltage and electronic low voltage dimmers • For a list of compatible dimmers, see [JUNORETROBASICS-DIM](#).

**Electrical Connections** Trim features quick connect plug installed as standard for installation into IC1-LEDT24 and IC1R-LEDT24 housings with mating connector • Trim ships with a medium base socket adapter whip for installation into 4" incandescent housings with medium base sockets.

**Trim** Cast aluminum baffle trim with white finish • Diffusing lens conceals the LEDs from direct view and provides uniform aperture luminance.

**Life** Rated for 36,000 hours at 70% lumen maintenance.

**Labels** ENERGY STAR® Qualified • Certified to the high efficacy requirements of California T24 • UL and cUL classified for use with most standard UL listed 4" recessed incandescent housings and Juno IC1-LEDT24 and IC1R-LEDT24; see below for specific compatibility requirements • Damp location • Suitable for wet locations (indoor covered ceilings).

**Testing** All reports are based on published industry procedures; field performance may differ from laboratory performance.

Product specifications subject to change without notice.

**INSTALLATION**

The LED retrofit baffle trim is provided with push-in friction springs as standard.

**COMPATIBLE HOUSINGS**

The 4RLD retrofit baffle trim is compatible with most 4" recessed housings measuring at least 4" high with an inside diameter between 4" and 4-1/2".

**Compatible housings include, but not limited to:**

**Juno housings:** IC1 and TC1 Series

**Juno quick-connect LED housings:** [IC1-LEDT24](#) and [IC1R-LEDT24](#)

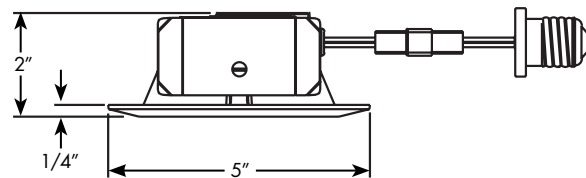
**VuLife® housings:** V4IC and V4TC Series

**Lithonia® housings:** L3 Series

**Halo® housings:** H99 Series

**Thomas® housings:** PS4 Series

**Capri® housings:** P4 and R4 Series

**DIMENSIONS****PRODUCT CODES**

Catalog Number	Description
<b>4RLDG2-927-6-WWH</b>	4" LED retrofit baffle trim, 2700K, 650 Lumens
<b>4RLDG2-930-6-WWH</b>	4" LED retrofit baffle trim, 3000K, 650 Lumens
<b>4RLDG2-935-6-WWH</b>	4" LED retrofit baffle trim, 3500K, 650 Lumens

**PERFORMANCE DATA**

	27K	3K	35K
Input Voltage	120V	120V	120V
Input Power Typical	10W	10W	10W
Frequency	60Hz	60Hz	60Hz
EMI/RFI	FCC Title 47, Part 15 Class B (consumer)	FCC Title 47, Part 15 Class B (consumer)	FCC Title 47, Part 15 Class B (consumer)
Minimum starting temp	-30°C (-22°F)	-30°C (-22°F)	-30°C (-22°F)
CRI	90 min.	90 min.	90 min.
CCT	2700K	3000K	3500K

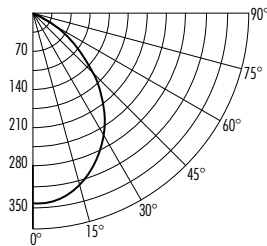
# 4" BASICS SERIES™ LED RETROFIT BAFFLE TRIM

DOWNLIGHT RETROFIT FOR STANDARD 4"  
RECESSED HOUSINGS

## 4RLDG2 650L

### PHOTOMETRIC REPORT

Test Report#: PT02161003R  
Catalog No: 4RLDG2-927-6-WWH  
Luminaire Spacing Criteria: 1.20  
Luminaire LPW: 65



### CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	340
5	338
15	323
25	292
35	238
45	158
55	76
65	33
75	15
85	3
90	0

### AVERAGE INITIAL FOOTCANDLES Multiple Units (Square Array, 60'x60' room)

Ceiling 80%, Walls 50%, Floors 20%

Spacing	RCR1	RCR3	RCR5
4'	44	35	29
5'	28	23	18
6'	19	16	13
7'	16	13	10
8'	12	10	8
9'	9	8	6
10'	7	6	5

### ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	257	N/A	39.5
0-40°	405	N/A	62.3
0-60°	596	N/A	91.7
0-90°	651	N/A	100.0

### INITIAL FOOTCANDLES (One Unit: 10W, 87.2° Beam)

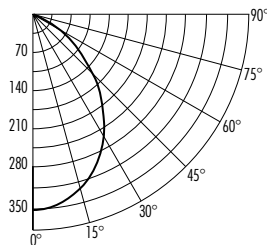
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	21.3	7.6
6'	9.4	11.4
8'	5.3	15.2
10'	3.4	19.0

### LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	34099
55°	20172
65°	11973
75°	8881
85°	6019

### PHOTOMETRIC REPORT

Test Report#: PT02161101R  
Catalog No: 4RLDG2-930-6-WWH  
Luminaire Spacing Criteria: 1.20  
Luminaire LPW: 67



### CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	351
5	349
15	334
25	302
35	247
45	164
55	79
65	35
75	16
85	4
90	0

### AVERAGE INITIAL FOOTCANDLES Multiple Units (Square Array, 60'x60' room)

Ceiling 80%, Walls 50%, Floors 20%

Spacing	RCR1	RCR3	RCR5
4'	45	37	30
5'	29	23	19
6'	20	16	13
7'	16	13	11
8'	13	10	8
9'	10	8	7
10'	7	6	5

### ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	266	N/A	39.5
0-40°	419	N/A	62.3
0-60°	617	N/A	91.6
0-90°	673	N/A	100.0

### INITIAL FOOTCANDLES (One Unit: 10W, 87.3° Beam)

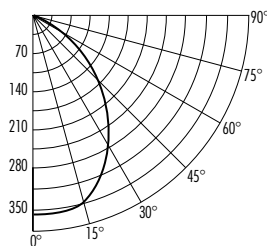
Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	21.9	7.6
6'	9.8	11.4
8'	5.5	15.3
10'	3.5	19.1

### LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	35268
55°	20864
65°	12423
75°	9188
85°	6378

### PHOTOMETRIC REPORT

Test Report#: PT02161101R  
Catalog No: 4RLDG2-935-6-WWH  
Luminaire Spacing Criteria: 1.20  
Luminaire LPW: 71



### CANDLEPOWER DISTRIBUTION (Candelas)

Degrees Vertical	0°
0	369
5	367
15	351
25	317
35	259
45	172
55	83
65	36
75	16
85	4
90	0

### AVERAGE INITIAL FOOTCANDLES Multiple Units (Square Array, 60'x60' room)

Ceiling 80%, Walls 50%, Floors 20%

Spacing	RCR1	RCR3	RCR5
4'	47	38	31
5'	30	25	20
6'	21	17	14
7'	17	14	11
8'	13	11	9
9'	10	8	7
10'	8	6	5

### ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixture
0-30°	279	N/A	39.5
0-40°	440	N/A	62.3
0-60°	648	N/A	91.6
0-90°	707	N/A	100.0

### INITIAL FOOTCANDLES (One Unit: 10W, 87.3° Beam)

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Beam Diameter
4'	23.1	7.9
6'	10.3	11.4
8'	5.8	15.3
10'	3.7	19.1

### LUMINANCE (Average cd/m²)

Angle in Degrees	Average 0-90°
45°	37040
55°	21913
65°	13047
75°	9649
85°	6699